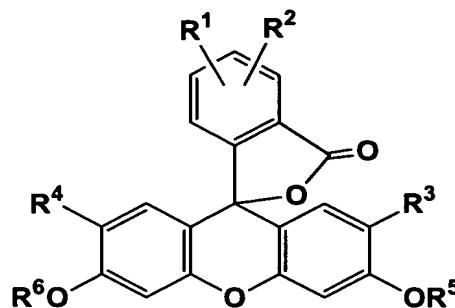
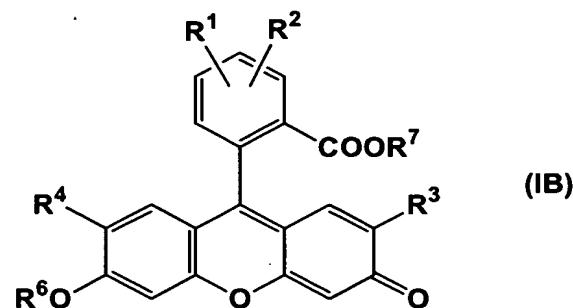


ABSTRACT

A compound represented by the following general formula (IA) or (IB) or a salt thereof which specifically traps a zinc ion and emits fluorescence, and is useful as a fluorescent probe for zinc:

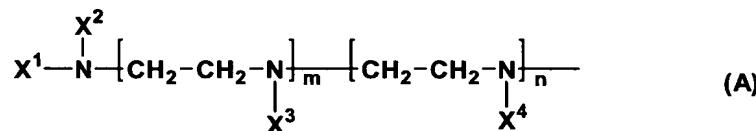


(IA)



(IB)

wherein R¹ and R² represent a hydrogen atom or a group represented by the following formula (A):



wherein X¹ to X⁴ represent a hydrogen atom, a 2-pyridylmethyl group, a 2-pyridylethyl group, a 2-methyl-6-pyridylmethyl group, or a 2-methyl-6-pyridylethyl group, provided that at least one is the group except a 2-pyridylmethyl group, and m and n represent 0 or 1, provided that they are not simultaneously 0; provided that R¹ and R² are not simultaneously hydrogen atoms; R³ and R⁴ represent a hydrogen atom or a halogen atom; R⁵ and R⁶ represent a hydrogen atom, an alkylcarbonyl group, or an alkylcarbonyloxymethyl group; and R⁷ represents a hydrogen atom or an alkyl group.